

## ABSTRACT

A live mobile camera system is provided with a variable segment size communication protocol and a two tier server cluster. The variable segment size communication protocol segments digital data into segments in an application layer and packetizes the segments in an internet protocol layer. One embodiment of the communication protocol is used with a wireless link and uses the internet protocol known as user datagram protocol. The two tier server cluster includes a first tier of servers. Each of the first tier servers manage more than one second tier server and may reassign the second tier servers to other first tier servers.